

Attorney Docket No. 019519-420 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atsuhiko OHKAWA et al.

Application No.: 10/801,662

Filing Date: March 17, 2004

Title: RETARDATION FILM AND COMPOUND

Group Art Unit: 2871

Examiner: Unassigned

Confirmation No.: 3309

**SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

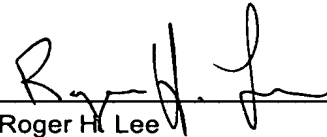
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
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By

  
\_\_\_\_\_  
Roger H. Lee

Registration No. 46,317

Date: July 29, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Atsuhiro OHKAWA et al.

Application No.: 10/801,662

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**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

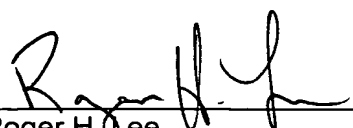
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

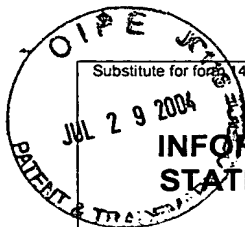
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date July 29, 2004

By:   
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Substitute for forms 1449A/PTO &amp; 1449B/PTO

**SECOND  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/801,662
Filing Date	March 17, 2004
First Named Inventor	Atsuhiro Ohkawa et al.
Examiner Name	Unassigned
Attorney Docket Number	019519-420

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,883,685	A	Hitoshi Mazaki et al.	03-16-1999
	6,245,398	B1	Koushin Matsuoka et al.	06-12-2001
	6,461,694	B1	Hideyuki Nishikawa et al.	10-08-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	0,847,228	A2	EPO	06-10-1998		
	2003-109,765	A	Japan (with English abstract)	04-11-2003		
	44 22 332	A1	Germany (with English abstract)	01-04-1996		
	96/00208	A1	WIPO (English abstract only)	01-04-1996		

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	<b>EPO Search Report dated June 25, 2004 in EP Application No. 04006363.8-2103</b>
	Vladimir V. TSUKRUK et al, "Discotic Twin and Triple Molecules with Charge-Transfer Interactions in Langmuir-Blodgett Films," Langmuir, Vol. 12, 1996, pp. 754-757, American Chemical Society (XP-001181956)
	M. MANICKAM et al., "Introduction of bis-discotic and bis-calamitic mesogenic addends to C <sub>60</sub> ," Liquid Crystals, Vol. 29, No. 4, 2002, pp. 497-504, Taylor and Francis Ltd. (XP-001082966)
	W. KREUDER et al., "The 'Wheel of Mainz' as a Liquid Crystal?-Structural Variation and Mesophase Properties of Trimeric Discotic Compounds," Angew. Chem. Int. Ed. Engl., Vol. 26, No. 12, 1987, pp. 1249-1252, Verlagsgesellschaft mbH (XP-002070552)

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.